



PATENT
450100-04925

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yoshihisa TAKAHASHI et al.
Serial No.: 10/784,502
Filed: February 23, 2004
For: COMMUNICATION DEVICE
Art Unit: 3662
Confirmation No.: 2165

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Thomas F. Presson, Reg. No. 41,442

Name of Applicant, Assignee or Registered Representative

Thomas F. Presson
Signature

February 14, 2005

Date of Signature

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97 (b)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants are filing this Information Disclosure Statement and the accompanying form PTO-1449 along with copies of the prior art therein identified. Such prior art has come to the attention of applicants by being cited in a Search Report issued in the corresponding European application on December 29, 2004. So far as applicants are

aware, this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

In the event the above-identified patent application was filed after June 30, 2003 or is an international application that entered the national stage under 35 U.S.C. 371 after June 30, 2003, no copy of any cited U.S. patent or U.S. patent application publication is provided. See, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" as stated in the Notice published in The Official Gazette of August 5, 2003.

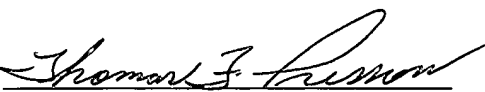
In the event the above-identified patent application was filed under 35 U.S.C. 111 on or after June 30, 2003, or is an international application that entered the national stage on or after June 30, 2003, no copy of the specification, claims or drawings of any cited pending U.S. patent application is provided. See, "Waiver of the Copy Requirement in 37 CFR 1.98 for Cited Pending U.S. Patent Applications" as stated in the Notice published in the Official Gazette of October 19, 2004.

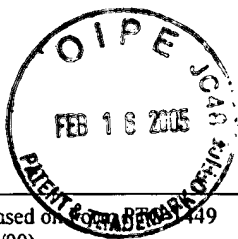
The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

Please charge any fees incurred by the filing of this document or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

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Based on 450100-04925 (3/90) LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 450100-04925	SERIAL NO. 10/784,502
	APPLICANT Yoshihisa TAKAHASHI et al.	
	FILING DATE February 23, 2004	GROUP 3662

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 016 257	05/14/91	Wolf et al.			
	AB	5 594 453	01/14/97	Rodal et al.			
	AC	5 184 084	02/02/93	Yun			
	AD	5 432 521	07/11/95	Siwiak et al.			
	AE	5 742 207	04/21/98	Rambo et al.			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	WO 98 34347	08/06/98	PCT			
	AM	WO 87 01540	03/12/87	PCT			
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.